

# Comparisons of Job Characteristics

**Focus Occupation:** Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)  
**Associated Occupation:** Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

Compare Knowledge  
 Compare Skills  
 Compare Abilities  
 Compare Detailed Work Activities  
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 62

**Focus Occupation:** Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)  
**Associated Occupation:** Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	13.6	4.9	<<	Extensive education and/or training may be required
Mechanical	6.8	11.1	6.3	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	8.9	3.5	<<	Extensive education and/or training may be required
Chemistry	4.8	8.3	5.5	<<	Extensive education and/or training may be required
Biology	3.7	7.5	4.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 85

**Focus Occupation:** Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)  
**Associated Occupation:** Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	8.2	7.9	0	Current skill level may be sufficient
Operation Monitoring	6.6	8.2	7.6	0	Current skill level may be sufficient
Equipment Maintenance	3.5	6.2	4.9	<	A higher skill level may be required
Repairing	3.4	5.1	4.5	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Control Precision	6.6	10.1	10.6	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	9.9	8.2	<	Some improvement in abilities may be required
Manual Dexterity	6.5	9.7	9.1	0	Current ability level may be sufficient
Multilimb Coordination	6.0	9.1	10.3	>	Current ability level is likely sufficient
Depth Perception	5.3	8.5	7.6	<	Some improvement in abilities may be required
Static Strength	5.0	7.9	10.0	>	Current ability level is likely sufficient
Rate Control	3.8	7.2	7.1	0	Current ability level may be sufficient
Stamina	4.0	5.8	7.8	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation: Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)

Work Activities	Exclusivity of Activity
Move or fit heavy objects	8
Operate agricultural equipment or machinery	81
Use hand or power tools	2
Use herbicides, fertilizers, pesticides or related products	71
Use plant disease control techniques	75
Use portable hand spray equipment	82

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.